

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/003501

A. CLASSIFICATION OF SUBJECT MATTER  
 INV. H01J61/02 H01J61/35 H01J61/40 C03C17/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 1 166 989 A (PHILIPS ELECTRONIC ASSOCIATED [GB]) 15 October 1969 (1969-10-15) the whole document	1-7
A	WO 01/20641 A (KONINKL PHILIPS ELECTRONICS NV [NL]) 22 March 2001 (2001-03-22) cited in the application page 1 - page 2; claim 1	1-7
X	GB 203 471 A (LEWIS GARFIELD WILLIAMS) 13 September 1923 (1923-09-13) the whole document	1-7
X	GB 233 238 A (LEWIS GARFIELD WILLIAMS) 7 May 1925 (1925-05-07) the whole document	1-7
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

23 May 2007

Date of mailing of the international search report

01/06/2007

Name and mailing address of the ISA  
 European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

But, Gabriela-Ileana